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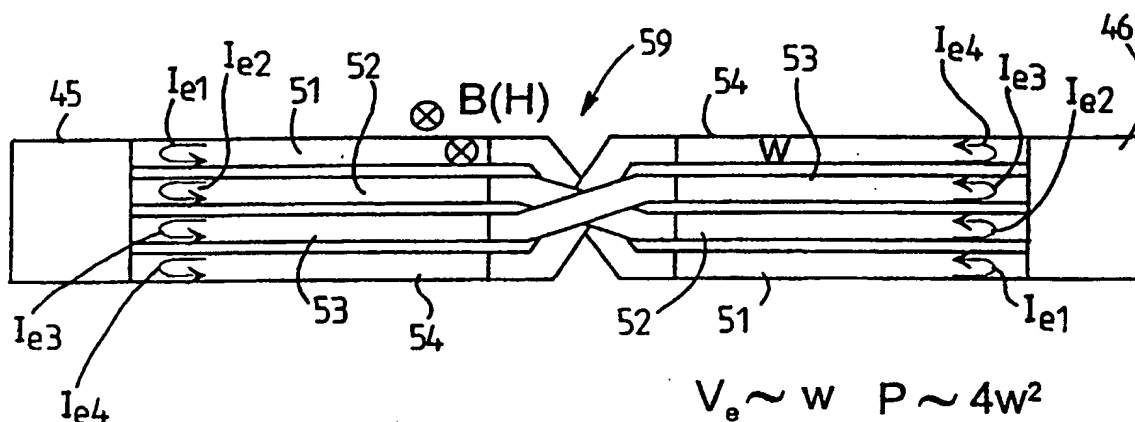
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<p>(21) International Application Number: PCT/FI98/00239 (22) International Filing Date: 18 March 1998 (18.03.98) (30) Priority Data: 971180 20 March 1997 (20.03.97) FI (71) Applicant (for all designated States except US): MICRONAS OY [FI/FI]; Kamreerintie 2, FIN-02770 Espoo (FI). (72) Inventor; and (75) Inventor/Applicant (for US only): SIREN, Esko [FI/FI]; Kirstinmäki 17 D 76, FIN-02760 Espoo (FI). (74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).</p>		<p>(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report. In English translation (filed in Finnish).</p> <p>(88) Date of publication of the international search report: 23 December 1998 (23.12.98)</p>

(54) Title: STRIPE-LINE INDUCTOR



(57) Abstract

The invention relates to a stripe-line inductor comprising one or more stripes conductor turns fabricated into one or more layers of a carrier substrate. The stripe conductor of the inductor is divided into parallel sub-stripe-lines (51, 52, 53, 54) reducing the width of an individual conductor and thus the cross-sectional area of the magnetic flux density on the conductor surface. The sub-stripe-lines are connected together at the inductor conductor ends (45, 46). In order to cancel out the eddy current loss of a closed loop the order of the sub-stripe-lines is reversed or changed at a specific point (59) between the fascicle ends.

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